

**AMENDMENT TO THE CLAIMS:**

The following listing of claims replaces all prior listings, and all prior versions of claims in the application:

**Listing of Claims:**

1. (Original) A microscopic fluid controlling method comprising the steps of:  
moving a first microscopic fluid by changing an electric field or a magnetic field and by positioning said first microscopic fluid in a microscopic flow passage;  
inhaling a second microscopic fluid in said microscopic flow passage by succeeding said first microscopic fluid; and

controlling said second microscopic fluid existed in said microscopic flow passage in respective of a move of said first microscopic fluid.

2-7 (Cancelled)

8. (Currently Amended) A microscopic fluid controlling apparatus  
~~comprises~~ comprising:

a first microscopic fluid moving means for positioning and moving a first microscopic fluid in a microscopic flow passage;

a second microscopic fluid inhaling means for inhaling a second microscopic fluid in said microscopic flow passage by succeeding said first microscopic fluid; and

a controlling means for controlling said second microscopic fluid.

9-11 (Cancelled)

12. (New) A microscopic fluid controlling method according to claim 1, wherein the microscopic fluid controlling method comprises further the step of:

dividing into plural portions said second microscopic fluid by a third microscopic fluid.

13. (New) A microscopic fluid controlling method according to claim 1, wherein the microscopic fluid controlling method comprises further the step of:  
dividing into plural portions said second microscopic fluid by heating.

14. (New) A microscopic fluid controlling method according to claim 1, wherein said second microscopic fluid existing in said microscopic flow passage is controlled by blending and separating said second microscopic fluid according to a mass of said second microscopic fluid.

15. (New) A microscopic fluid controlling method according to claim 1, wherein the microscopic fluid controlling method comprises further the step of:  
positioning and moving said first microscopic fluid by changing a magnetic force and an applied electric power.

16. (New) A microscopic fluid controlling method according to claim 12, wherein the microscopic fluid controlling method comprises further the step of:  
moving said first microscopic fluid and dividing said second microscopic fluid into plural portions by said third microscopic fluid, by changing a magnetic force and an applied electric power.

17. (New) A microscopic fluid controlling method according to claim 13, wherein said second microscopic fluid is moved to a heating portion by said first microscopic fluid, and by heating said second microscopic fluid existing on said heating portion, and said second microscopic fluid is separated.

18. (New) A microscopic fluid controlling apparatus according to claim 8, further comprising a second microscopic fluid dividing means for dividing into plural portions said second microscopic fluid.

19. (New) A microscopic fluid controlling apparatus according to claim 8, further comprising a second microscopic fluid heating and dividing means that heats said second microscopic fluid and divides said second microscopic fluid.

20. (New) A microscopic fluid controlling apparatus according to claim 8, wherein the microscopic fluid controlling means comprises further:

a rotating means for positioning said first microscopic fluid existing in said microscopic flow passage and moving said first microscopic fluid in said microscopic flow passage; and

second microscopic fluid dividing means for dividing into plural portions said second microscopic fluid; and

a second microscopic fluid blending and separating means for blending and separating said second microscopic fluid.